

04 out
B out

portion, second thickness brake disks each having an initial available wear portion which is two thirds of the available wear portion of the first thickness brake disks, and third thickness brake disks each having an initial available wear portion which is one third of the available wear portion of each disk of said first thickness brake disks, said brake disk assembly initially including disks of a first, second and third thickness whereby after an overhaul the available wear portion of each disk of said first thickness brake disks is about equal to the initial available wear portion of each disk of said second thickness brake disks, and the available wear portion of each disk of said second thickness brake disks is about equal to the initial available wear portion of each disk of said third thickness disks and said available wear portion of each disk of said third thickness disks is substantially fully worn, and said third thickness disks are removed and replaced with disks of a first, second or third thickness.

REMARKS

Applicants thank the Examiner for the remarks during the interview on August 20, 2001. Applicants submit that the invention was explained at the interview. Based upon discussions with the Examiner, Applicants submit that the objection to the drawings is obviated. Applicants respectfully request withdrawal of the objections. Furthermore, in view of the amendments to the claims, Applicants submit that the rejections based on 35 USC §§ 103 and 112 are overcome with the amendments to the claims. Applicants also respectfully request reconsideration of the provisional obviousness type double patenting rejection of claims 1 and 6. Applicants submit that these claims are not obvious over copending application No. 09449033 in view of Bok '895.

Therefore, Applicants submit that all pending claims are allowable in their present form, and hereby request allowance in a timely manner. If the Examiner has any questions or suggestions that would facilitate the disposition of this matter, she is respectfully requested to contact the Helen Odar at 312-321-4785.

Respectfully submitted,

Jeff Nichols for Helen Odar

Jeffrey M. Nichols

Registration No. 46,958 for

Helen A. Odar

Registration No. 32,806

Attorney for Applicants

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200

APPENDIX

1. (Amended) A brake disk assembly comprising an end plate, a pressure plate and initially brake disks axially aligned and disposed therebetween, wherein said brake disks comprise disks of three different wear portions, whereby disks of a first thickness have an initial wear portion, disks of a second thickness have two thirds of said initial wear portion of said first thickness disks, and disks of a third thickness have one third of the initial wear portion of said first thickness disks, said brake disk assembly including disks of a first, second and third thickness, whereby at an overhaul the available wear portion of each of said first thickness disks is approximately equal to the initial available wear portion of each of said second thickness disks, and the available wear portion of said second thickness disks is about equal to the initial available wear portion of each of said third thickness disks and said available wear portion of said third thickness disks [are] is substantially fully worn, whereby said third thickness disks are removed and replaced with disks of a first, second or third thickness.

6. (Amended) A method of assembling and overhauling a disk brake having a plurality of disks with three different available wear portions comprising first thickness disks having a first available wear portion of a first thickness, second thickness disks each having an available wear portions of a second thickness which is two thirds of the available wear portions of first thickness disks and third thickness disks each having an available wear portion of a third thickness which is one third of the thickness of the available wear portion of said first thickness disks, said brake disk having first, second and third thickness disks, whereby after an overhaul the available wear portions of each disk of said first thickness disks is about equal to the initial available wear portion of each disk of said second thickness disks and said available wear portion of each second thickness disk is about equal to the initial available wear portion of each said third thickness disks and said third thickness disks are substantially fully worn and replaced with disks of a first, second or third thickness.

7. (Deleted).

11. (Amended) A brake disk assembly comprising an end plate, a pressure plate and three rotors and two stators interleaved between said rotors and disposed between said end plate and pressure plate, wherein said rotors and stators comprises brake disks, said brake disks comprising first thickness brake disks each having an initial first available wear portion, second thickness brake disks each having an initial available wear portion which is two thirds of the available wear portion of each of the first thickness disks, and third thickness brake disks each having an initial available wear portion which is one third of the available wear portion of each of said first thickness disks, said brake disk assembly initially including disks of a first, second and third thickness, whereby at an overhaul the available wear portion of each first thickness disk is about equal to the initial available wear portion of second thickness disks, and the available wear portion of each disk of said second thickness brake disks is about equal to the initial available wear portion of each of said third thickness disks and said available wear portion of each third thickness disk is substantially fully worn and said third thickness disks are replaced by disks of a first, second or third thickness.

13. (Amended) A brake disk assembly comprising an end plate, a pressure plate and four rotors and three stators interleaved between said rotors and disposed between said end plate and pressure plate, wherein said rotors and stators comprises brake disks, said brake disks comprising first thickness brake disks each having an initial first available wear portion, second thickness brake disks each having an initial available wear portion which is two thirds of the available wear portion of the first thickness brake disks, and third thickness brake disks each having an initial available wear portion which is one third of the available wear portion of each disk of said first thickness brake disks, said brake disk assembly initially including disks of a first, second and third thickness, whereby at an overhaul the available wear portion of each disk of said first thickness brake disks is about equal to the initial available wear portion of each disk of said second thickness brake disks, and the available wear portion of each second thickness brake disk is about equal to the initial

available wear portion of each disk of said third thickness brake disks and said available wear portion of each disk of said third thickness disks is substantially fully worn, whereby said third thickness disks are removed and replaced with disks of a first, second or third thickness.

16. (Amended) A brake disk assembly comprising an end plate, a pressure plate and five rotors and four stators interleaved between said rotors and disposed between said end plate and pressure plate, wherein said rotors and stators comprise brake disks, said brake disks comprising first thickness brake disks each having an initial first available wear portion, second thickness brake disks each having an initial available wear portion which is two thirds of the available wear portion of the first thickness brake disks, and third thickness brake disks each having an initial available wear portion which is one third of the available wear portion of each disk of said first thickness brake disks, said brake disk assembly initially including disks of a first, second and third thickness whereby after an overhaul the available wear portion of each disk of said first thickness brake disks is about equal to the initial available wear portion of each disk of said second thickness brake disks, and the available wear portion of each disk of said second thickness brake disks is about equal to the initial available wear portion of each disk of said third thickness disks and said available wear portion of each disk of said third thickness disks is substantially fully worn, and said third thickness disks are removed and replaced with disks of a first, second or third thickness.